



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 15, 2015

Jennifer J. Klika
Manager, Regulatory Affairs
Chem-Tech, Ltd.
1006 North Highway 5
Pleasantville, IA 50225

Subject: Notification per PRN 98-10 – Add alternate brand names and correct
typographical errors
Product Name: CT 10 CONCENTRATE
EPA Registration Number: 47000-103
Application Date: June 25, 2015
Decision Number: 506314

Dear Ms. Klika:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

The alternate brand names PROZAP INSECT, PROZAP 10 CONCENTRATE and SUREKILL 10 CONCENTRATE have been added to the product record.

If you have any questions, you may contact Elizabeth Fertich at 703-347-8560 or via email at fertich.elizabeth@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Fertich" with a small "Dr" at the end.

Jennifer Urbanski, Ph.D.
Product Manager 04
Invertebrate & Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

07/15/2015

CT 10 Concentrate

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climate modification and being grown in interior landscapes, ornamental gardens or parks or on gold courses or lawns and grounds.

For Use Outdoors, In Residences and Non-Food/Feed Areas of Commercial Buildings, Institutions, Warehouses, Theaters, Office Buildings, Schools, Motels, Hotels, Restaurants, Kennels and Food/Feed Processing Establishments.

ACTIVE INGREDIENTS:

Permethrins* 10.00%

OTHER INGREDIENTS:..... 90.00%

TOTAL..... 100.00%

* cis/trans ration: Max 65% (+/-) trans and min. 35% (+/-) cis.

** Contains Petroleum Distillates

EPA Reg. No. 47000-103

EPA Est. No. 47000-IA-01

**KEEP OUT OF REACH OF CHILDREN
WARNING**

READ ENTIRE LABEL BEFORE USE

PET USE APPLIES TO ONLY ON DOGS

Net Contents:

Net Weight:

**Manufactured By:
CHEM-TECH, LTD.
1006 Business Hwy 5
Pleasantville, IA 50225**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes skin irritation. Do not get on skin or on clothing. Wear long sleeved shirt and long pants, socks, chemical resistant footwear and gloves. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes moderate eye irritation. Avoid contact with eyes. Harmful if inhaled. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic organisms. This pesticide is extremely toxic to fish. Use with care when applying to areas adjacent to any body of water. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash particles off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply this product or allow it to drift to crops or weeds on which bees are actively foraging. Additional information may be obtained from your Cooperative Extension Service. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

FIRST AID	
Have Product Container or Label with You When Calling a Poison Control Center, Doctor or Going in for Treatment.	
If on Skin or on clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for further treatment advice.
If in Eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for further treatment advice.
If Inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If Swallowed:	<ul style="list-style-type: none">• Call a poison control center, doctor, or 1-800-498-5743 immediately for treatment advice or transport the patient to the nearest hospital.• Do not give any liquid to the patient.• Do not administer anything by mouth.• Do not induce vomiting unless told to do so by the poison control center or doctor.
NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318	

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ THIS LABEL: Read this entire label and follow all use directions, use restrictions and precautions.

SHAKE WELL BEFORE USE

GENERAL RESTRICTIONS

Do not allow people or pets in treated areas until sprays have dried. Remove pets, birds and cover fish aquaria before spraying.

Do not allow spray treatment to drift onto pastureland, cropland, poultry ranges or water supplies.

Do not use on crops for food, forage or pasture.

Do not apply by air.

For Outdoor Applications:

Do not water the treated area to the point of run-off. Do not make applications during rain.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Treatment to soil or vegetation around structures,
2. Applications to lawns, turf and other vegetation,
3. Applications to building foundation, up to a maximum height of three (3) feet.

Other than applications to building foundations, all outdoor application to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

GENERAL USE DIRECTIONS:

Mixing Instructions:

This is an easy-to-apply product that can be used to control nuisance insects. Apply with hand pressurized or power operated sprayers. Carefully measure and mix the amount of product and water as directed. Where appropriate, measure the area to be treated by measuring the length and the width then multiply to determine the square footage of the area. When mixing, fill the application equipment with half of the water first and then measure and add the appropriate amount of CT 10 followed by the remaining water. Shake or stir thoroughly to mix the product and water. Thorough spray coverage is necessary, but do not allow run-off.

For maximum effectiveness, a combination of localized application and space treatment is recommended.

Do not use in food areas of food-handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms, but excluding areas where food may be prepared or held. In the home, remove or cover all food processing surfaces and utensils during treatment or thoroughly wash before use. Remove or cover exposed food prior to treatment.

Non-Food/Feed Areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

Dilution rates on this label will yield the following ready-to-use product:

Rate	Ounces of Concentrate per Gallon of Finished Solution	% Permethrin
1 : 19	6.4	0.50%
1 : 39	3.2	0.25%
1 : 99	1.28	0.10%
1 : 199	0.64	0.05%
1 : 399	0.32	0.025%

The number in parenthesis following dilution direction refers to the Permethrin concentrate in the diluted product.

INDOOR USE

SURFACE SPRAY

For initial cleanup of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 ounce per gallon) (0.5%).

For normal infestations and maintenance, dilute 1 part concentrate in 39 parts water (3.2 ounces per gallon) (0.25%).

To Control Cockroaches, Waterbugs, Palmetto bugs, Ants, Silverfish, Firebrats, spiders, Crickets, Millipedes, Clover mites, Cheese mites, Granary weevils, Rice weevils, Confused flour beetles, Rust red flour beetles, Saw toothed grain beetles, Spider beetles, Cigarette Beetles, Drugstore beetles, Mealworms, Grain mites and Cadelles:

Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, crack and crevices, under pallets, around containers or stored foods, around the base of machinery, and behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet.

To Control Centipedes, Ground Beetles, Pillbugs, Sowbugs, Scorpions, and Ticks:

Apply around doors and windows and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found.

To Control Fleas and Ticks:

Remove pet bedding and destroy or clean thoroughly. Spray pet resting quarters. Adult fleas and larvae contacted by spray will be killed. Put fresh bedding down once spray has dried. Spray rugs and carpets where infestations are bad. Test delicate fabrics in an inconspicuous area prior to use.

To Kill Fleas and Ticks on Dogs:

Dilute 1 part concentrate to 99 parts of water (1.28 ounces per gallon) (0.05%). Using protective gloves (mitts), wet the animal by dipping or spraying. Reapply every 30 days, if necessary.

Treatment of Flying Insects Resting Places:

To aid in control of mosquitoes, gnats, skippers – treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places using a dilution of 1:19 (0.5%)

To Control Carpet Beetles:

Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving.

To Control Bedbugs:

Spray mattresses lightly, particularly around tufts and seams. Take bed apart and spray in all joints. Treat baseboards, moldings and floors. Allow all treated articles to thoroughly dry before use.

To Control Clothes Moths:

Remove any infested articles from storage, brush thoroughly and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly, keeping nozzle at least three feet from fabric to avoid staining.

To Kill Lice and Louse Eggs:

Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying then proceed to spray entire area to be treated. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated articles to dry thoroughly before use.

SPACE SPRAY:

For initial cleanup of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 ounce per gallon) (0.5%).

For normal infestations and maintenance, dilute 1 part concentrate in 39 parts water (3.2 ounces per gallon) (0.25%).

Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems.

For rapid control of House flies, Gnats, Mosquitoes, Skipper flies, Black flies, Angoumois grain moths, and Tobacco moths:

Direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1000 cubic feet of space. Keep area closes for at least 10 minutes. Vacate areas after treatment and ventilate and sweep up dead insects before reoccupying.

For rapid kill of exposed or accessible states of other insects named on this label, apply using conventional, mechanical or compressed air equipment (non-thermal), following directions for space spraying. Apply the above dilutions at a rate of 1 ounce per 1000 cubic feet of space.

ORNAMENTAL PLANTS:

Mix 0.32 ounce in 1 gallon of water. Do not use more CT 10 than recommended, as this may cause plant injury. Use this dilution unless other instructions are given.

To protect plants in indoor landscaping, spray directly on insects. In the home, remove infested plants from living areas prior to application. Spray plants in an area not likely to be occupied by children or pets (particularly fish). When leaves dry, plants can be returned to original location. Use with care on ferns, palms and fuchsia. As with all plants, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars and therefore, a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours, and check for possible injury. Repeat applications may be necessary to control citrus black flies on non-bearing citrus and adult Japanese beetles on roses.

Plants	Insects
Ageratum, Ardisia, Aster, Azalea, Baby's Breath, Begonia, Birdsnest Fern, Bleeding Heart, Carnation, Chrysanthemum, Coleus, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Hypoestes, Ivy, Juniper, Lily, Marigold, Orchid, Palm Pansy, Peperomia, Petunia, Philodendron, Piggyback Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rose, Schefflera, Snapdragon, Snake Plant, Statice, Velvet Plant, Verbena, Zinnia	Aphids, armyworms, cankerworms (fall, spring, corn earworms, inchworms, Japanese beetles, Leafminers, Leafrollers, mealybugs, scales, spider mites, trips (exposed), Whiteflies
Chrysanthemums	Armyworms, cabbageworms, cutworms, Leafrollers
Velvet plants	Fungus Gnats

OUTDOOR USE

HOSE-END SPRAYER USE DIRECTIONS

Mixing Instructions:

Fill sprayer bottle half-way with water, then add 4 ounces of CT 10 to spray bottle. Add water to fill bottle. Shake well. Attached to hose and follow these simple instructions.

1. Make sure the hose-end sprayer is firmly connected to the hose.
2. Make sure the sprayer is in the OFF position. Turn water supply on at the faucet. For best results, turn hose faucet to maximum. Water pressure will build in the hose.
3. To apply product, turn the control valve to the ON position. Water and product are now being mixed at the proper rate.

LAWNS

To Control Ants, Armyworms, Chiggers, Chinch bugs, Crickets, Cutworms, Fleas, Grasshoppers, Mosquitoes, Sob webworms, Sowbugs, and Ticks:

Spray when pests first appear. For Sodworms, delay watering or mowing the treated area for 12 to 24 hours after treatment.

Spray grass starting at the edge of the lawn furthest from the faucet. Walk backwards away from spray mist toward faucet. This avoids contact of shoes and hose with treated grass. Always point sprayer away from body. Use when wind is calm to avoid splash back. Do not spray on a windy day. Sweep sprayer left and right to ensure an even coverage. Apply entire contents evenly over 1000 square feet of lawn.

To stop spraying, turn the control valve to the OFF position. Turn off water at the faucet. To relieve water pressure in hose, turn control valve to ON position before removing from the garden hose.

ALLOW SPRAY TO THOROUGHLY DRY ON LAWN BEFORE PERMITTING ANIMALS OR CHILDREN TO ENTER TREATED AREA.

WHEN/WHERE TO SPRAY:

To avoid drift, spray on calm days. DO NOT spray near fish ponds, streams or rivers as this product is toxic to aquatic life. DO NOT spray plants in the middle of the day in hot summer weather (i.e. above 85°F) as spray may burn the plants. For best results, spray when insects or damage are first observed.

Ornamentals and Hedges

To Control Aphids, Bagworms, Western Tent caterpillar, Fall Webworms, Grasshoppers, Mites, Mosquitoes, Orange striped Oakworm, Spittle Bugs, Whiteflies, Yellownecked Caterpillar, Cutworms, Leafhoppers, Mealybugs, Mimosa Webworms, Redhumped Caterpillar and Thrips (exposed):

Apply spray thoroughly all parts of hedges and bushes. Be sure to cover trunks, branches, inside and outside leaves. When spraying leaves, be sure to spray both upper and lower surfaces. Spray to penetrate dense foliage but avoid over spraying to the point of excessive runoff. To prevent being hit by spray, do not apply to overhead areas. Treat when pests appear and repeat at 7 to 10 day intervals, if needed.

PERIMETER

Spray surfaces of barns, dairies, poultry houses, swine and livestock housing, and feed lots to control house flies, stable flies and other manure breeding flies. Also aids in control of cockroaches, ants, spiders, mosquitoes, crickets and face flies. Walk and spray at a steady pace. Spray walls and surfaces thoroughly but do not allow runoff to occur. Do not contaminate animal or water by spray.

For Temporary Reduction of Annoyance From Flies, Gnats & Mosquitoes:

In drive-in restaurants, drive-in theaters, golf courses, urban areas, parks, playgrounds and other recreational areas, dilute 1 part concentrate in 39 parts water (3.2 fluid ounce per gallon)(0.25%). Direct the spray into tall grass, shrubbery and around lawns, where these pests may hover or rest. Apply while the air is still and avoid wetting foliage. Application should be made prior to occupancy.

In the Treatment of Corrals, Feedlots, Swine Lots and Zoos:

Cover any exposed water, drinking fountains and animal feed before applications. Fill the area with mist and direct the spray into tall grass, shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. In zoos, prevent exposure of reptiles to the products.

ORNAMENTAL PLANTS

To protect ornamental plants; including trees, shrubs, flowers, evergreens, foliage plants and ground covers, use a contact and residual spray. Spray at the first sign of insects. Apply in the later afternoon or evening when the temperature ranges from 50°F to 80°F and when there is little or no wind. Spray at 4 to 8 day intervals if insect activity continues. Wet the plants thoroughly, but avoid runoff or dripping. Try to hit underside of leave. Do not use more product than recommended as this may cause some plant injury.

Plants	Insects
Ageratum, Arizona Cypress, Aster, Azalea, Begonia, Coleus, Common Ninebark, Connon Snowberry, Elm, Exacum Euonymus, English Ivy, Gladiolus, Gold bells, Hypoestes, Ivy, Lilac, Marigold, Mock Orange, Nannyberry, Orchid, Palm Pansy, Pea Shrub, Petunia, Philodendron, Poinsettia, Rhododendron, Rose, Snapdragon, Taxus, Wax Plants, Weeping Fig, Zinnia.	Aphids, Bagworms, Cicadas, Corn Earworms, Fall Cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider Mites, Exposed Thrips, Whiteflies

ORNAMENTAL TREES

Use sufficient spray to obtain full coverage of all foliage. Avoid heavy wetting.

Plants	Insects
Birch	Leafminers
Cherry & Honeysuckle	Fall Webworms
Conifers	Budworms
Douglas and Grand Firs	Tussock Moths

Elm	Elm Leaf Beetle, Elm Spanworms, Fall Webworms
Non-bearing Citrus	Citrus Black Flies
Oak	Oakworms
Pine	Pine moths, Pine needle miners, Pine beetles, Needle scales
Tulip Polar	Aphids

NUISANCE PESTS IN OUTDOOR AREAS

For severe infestation, dilute 1 part concentrate in 19 parts water (6.4 oz per gallon of water)(0.5%) and treat 400 linear feet with a 6-inch spray band. For normal infestations, dilute 1 part concentrate in 39 parts water (3.2oz per gallon)(0.255).

Plants	Directions
Ants, Crickets, Earwigs, Fleas Ticks	For localized infestations of these insects in areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways.
Tent Caterpillars	Apply when caterpillars are young and tents are first noticed. For best results, apply in the later afternoon or evening, when caterpillars may be seen escaping from the tent, however, they should die within several hours.
Outside Surfaces of Buildings	
Ants, Clover Mites, Crickets, Earwigs, Millipedes, Sowbugs (Pillbugs)	To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, patios, garages and other areas where these pests may be found.
Flies (Cluster, House), Gnats, Flying Moths, Mosquitoes	As an aid in reducing annoyance from these insects, spray outside surfaces of screen, doors, window frames or wherever these insects may enter the home. Also treat surfaces around light fixtures on porches, in garages and other places where these insect alight.

LAWNS:

Use on Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion and St. Augustine lawns.

Plants	Directions
Armyworms, Ticks, Cutworms, Chinch Bugs, Fleas, Sod Webworms	Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at time of application. Mix 3.2 fl. oz. per gallon of water (0.25%) and treat 1000 square feet. Slightly more water may be used as long as the amount of product per area is the same. Delay watering or mowing for 24 hours after treatment. For heavy infestations, repeat application after 2 weeks.
Japanese Beetle Grubs, Mole Crickets	Lawns should be no taller than 3 inches at the time of application. Mix 1.28 fl. oz. per gallon of water (0.1%) and treat 1000 square feet. Slightly more water may be used as long as the amount of product per area is the same. Irrigate with ¼ inch of water immediately after application. For heavy infestations, repeat application after 2 weeks.
Ants, Crickets, Grasshoppers	Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at time of application. Mix 1.28 fl. oz. per gallon of water (0.1%) and treat 1000 square feet. Slightly more water may be used as long as the amount of product per area is the same. For heavy infestations, repeat application after 2 weeks.
Fire Ants	Mix 6.4 fl. oz. in 1 gallon of water (0.5%). Apply at the rate of one gallon per mound as a gentle rain from a typical garden sprinkling can. Thoroughly wet the mound and surrounding area to a diameter of 4 feet. For best results, apply in cool weather, 65°F to 80°F, or in early morning or late evening hours. Treat all mounds in the vicinity and treat all colonies which have not yet constructed mounds. Do not use equipment that produces a pressurized spray since this will disturb fire ants and cause migration, reducing product effectiveness.

TREES AND SHRUBS

Mix 1 fluid ounce in 3 gallons of water. Spray at the first sign of insects. Wet leaves and branches to the point of dripping. Try to penetrate dense foliage. Treat in later afternoon or evening when temperature range from 50°F to 75°F and when there is little or no wind. Repeat every 4 to 8 days if needed. Application can be made up to the day of collection.

Plants	Insects
Arizona Cypress, Azalea, Birch, Ornamental Cherry, Non-Bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock Orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip, Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Fall Cankerworms, Fall Webworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Thrips (exposed).
Conifer	Budworms
Elm	Elm Leaf Beetles, Elm Spanworms, Fall Webworms
Douglas and Grand Fir	Tussock Moths
Non-Bearing Citrus	Citrus Black Flies
Oak	Oakworms
Pine	Pine Needles, Pine Moths, Pine Needleminers, Needle Scales

ROSES AND FLOWERS

Mix 1 fluid ounce in 3 gallons of water. Spray at the first sign of insects. Wet the plants to the point of dripping. Try to penetrate dense foliage. Treat in later afternoon or evening when temperature range from 50°F to 75°F and when there is little or no wind. Repeat every 4 to 8 days if needed. Application can be made up to the day of collection.

Plants	Insects
Arizona Cypress, Azalea, Birch, Ornamental Cherry, Non-Bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock Orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip, Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Cankerworms (fall), Inchworms, Leafminers, Leafrollers, Mealybugs, Spider Mites, Thrips (exposed), Webworms (fall), Whiteflies.

TREATMENT OF ANIMALS AND ANIMAL QUARTERS

Pests	Dilutions (Mix Well)	How to Apply
Horn Flies, Face Flies, Stable Flies, Mosquitoes, Lice, Mites, Ticks (Including Deer Tick which may carry Lyme Disease)	For severe infestations, dilute 1.28 oz per gallon of water (1 part concentrate to 99 parts water)(0.10%). For normal infestations, dilute 0.64 oz per gallon of water (1 part concentrate to 199 parts water)(0.05%)	Spray thoroughly to cover the entire animal. For lice or mites, a second treatment is recommended in 14-21 days. Spray lactating dairy cows only after milking is completed.
Horn Flies, Face Flies, Stable Flies, Ear Ticks	Dilute 2 oz per gallon of water (0.16%)	Spot Treatment – Low Pressure Spray – Apply ½ oz per ear or 1-4 oz on face or 12-16 oz along the backline.
Horn Flies, Face Flies, Horseflies, Ear Ticks	Dilute 8 oz in 5 gallon of oil (0.125%)	Backrubber – Keep backrubber charged. Results can be improved by forced use.
PESTS ON FARM PREMISES (Barns, Dairies, Loafing Sheds, Milking Parlors, Feedlots, Stables, Poultry & Livestock Housing)		
Horseflies, Stable flies, Lesser Houseflies, and other manure breeding flies, Fleas, Lice, Mites, Ticks (Including Deer Tick which may carry Lyme Disease). Aids in control of Cockroaches, Mosquitoes and Spiders	Dilute 3.2 oz per gallon of water (0.25%)	Spray walls and surfaces thoroughly, but do not let run off occur. Spray about 1 gallon per 75—1000 sq feet. Treat no more often than once every 2 weeks. Do not contaminate animal's feed or water by spray. Do not use in milk rooms.
PESTS IN CATTLE BARNs, HORSE BARNs, SWINE HOUSES, KENNELS, MILKING PARLORS, MILKROOMS, DAIRIES, POULTRY HOUSES, FEEDLOTS, STABLES AND PADDOCKS		
Flies, Mosquitoes, Gnats	For initial cleanout of severe insect infestations, dilute 6.4 oz per gallon of water (1 part concentrate to 19 parts water)(0.50%). For normal infestations, dilute 3.2 oz per gallon of water (1 part concentrate to 39 parts water)(0.25%)	FINE MIST – Apply directing the spray toward the ceiling and upper corners until the area is filled with mist. Use about 1 ounce per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep closed for ten to fifteen minutes. Vacate the treated area and ventilate before reoccupying.
PESTS ON SWINE AND POULTRY (Do not ship swine for slaughter within 5 days of last treatment)		

Mange Mites	Dilute 1.28 oz per gallon of water (1 part concentrate to 99 parts water)(0.10%)	Spray, dip or sponge animals. Retreat after 14 days, spraying walls and floor space and bedding to kill later hatching, developing stages,
Blowflies, Flies, Mosquitoes, Hog Lice, Fleas, Ticks (Including Deer Tick which may carry Lyme Disease)	Dilute 1.28 oz per gallon of water (1 part concentrate to 99 parts water)(0.10%)	Spray, dip or sponge to apply 1 pint per pig, especially around ears.
Poultry Mites, Northern Fowl Mites, and Lice	Dilute 1.28 oz per gallon of water (1 part concentrate to 99 parts water)(0.10%)	Spray at the rate of 1 gallon per 100 birds with a fine mist. Spray roasts, walls and nests of cages.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry area. Always store pesticide in the original container. Store away from food and pet food. Avoid extremes in temperature.

PESTICIDE DISPOSAL AND CONTAINER HANDLING:

Non-refillable container. Do not reuse or refill this container.

If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

[Optional Version for Agricultural Use Only]

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry area. Always store pesticide in the original container. Store away from food, pet food, feed, seed, fertilizers and veterinary supplies. Avoid extremes in temperature.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDING: Non-refillable container. Do not reuse or refill this container.

Triple rinse or equivalent promptly after emptying. Triple rinse as following: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with appropriate spray oil and recap. Shake for 10 seconds. Pour rinstate into application equipment or mix tank or store rinstate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local ordinances.

DISCLAIMER

DISCLAIMER: To the extent permitted by applicable law, seller makes no representation or warranty, either expressed or implied, for results due to misuse, improper handling or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or improper storage of this material.

OR

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OR

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Optional Marketing Statements: 10% Permethrin

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Lice and Ticks and Others as
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Broad Spectrum, Multi-Use
Insecticide

Control Lawn Pests

Kills Lawn Pests

Control Ornamental Plant
Pests

Kills Ornamental Plant Pests

Controls Hard-To-Kill Insect
Pests

Effective Control of Hard-
To-Kill Insect Pests

Multi-Purpose Insect Killer

Work Fast

Residual Action

Long Lasting

Quick Acting

Kills Fast – Proven to Last

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